

Dear Sir,

A - Substitute specification and drawings

I hope the substitute specification and the drawings to be in order now, with previous faxes on 10/05/08 and on 10/10/08, with previous documents (TE20060717a) and (TE20060717c).

B - About merits of the claims in Office Action 2/16/06.

It has been answered by fax on 07/17/06, previous document (TE20060717a), page 2 lines 34-35 where the applicant respectfully invite the examiner to see US patent 6,676,262 B1 for the folding of the membranous mirror and of the actuating membrane, and pages 10-11.

More, the claim 1 has been amended by cancelation of the word "independent".

C - Claims under 37 CFR 1.121(c)

If I understand well your Office Action on 04/30/2008, page 4, lines 1 and 2, **the claims filed on 06/28/01 are good entered claims.**

(These claims have been mailed by DHL in reply to Office Action mailed on April 11, 2001.)

The future amendments will be made from this claims listing under 37CFR 1.121(c)

D - Big mistake whith the claim 45 which has been twice used as "new" with two different subjects.

The first claim 45(new) does not seem to be canceled, and an other claim 45(new) has been used.

New claim 45 - On november 19, 1999, applicant sent a fax at 12h 30 (french hour).

45 (new) - Optical device according to claim 18 characterized in that a ring, on which the materials constituting a membrane can be deposited, is fixed in a removable way on the revolving container, and in that the said ring allows the handling of the membrane.

In amendments on 07/12/06, a new claim 45 is used; see page 5

45 (new) - Telescope optical device according to claim 1,

characterized in that there are two levels of control to give at the free membranous mirror a perfect shape :

In a first level, an aproximate shape is given to the free actuating membrane by interaction of a magnetic field tied to the telescope with magnetic fields generated by actuating membrane;

in a second level, a perfect form is given to the free membranous mirror by electrostatic interaction of the free actuating membrane with the free membranous mirror.

So, for correction, the two claims 45 and the followings, 46, 47, 48 and 49 will be "canceled", and the numbering will restart from new claim 50 to new claim 53, under 37 CFR 1.121(c)(5), at least I hope for.

In a first time the claim 45 of the entered clean version on 06/28/01 will be currently canceled.

The problem of the second claims 45 will be treated after the clean version of amendments faxed on 07/17/06. – See below page 12

E - Other replies to Office Action on 04/30/08 - See below, page 15

ENTERED CLAIMS FILED ON 6/28/01

The clean version with status indicator of the claims filed on 6/28/01 and accepted as "entered" is so the following.

Claims

- 1 (amended) - Optical device comprising a mirror and a device actuating the mirror, characterized in that the mirror and the actuating device are independent concave membranes (called membranous mirror and actuating membrane).
- 14 (amended) - Optical device according to claim 1 characterized in that the actuating membrane and the membranous mirror are made totally or partially of a material having shape memory.
- 15 (amended) - Optical device according to claim 1 characterized in that, for their folding, the concave actuating membrane and the concave membranous mirror are made quasi plane by the formation of concentric circular undulations obtained by a succession of centred distorsion alternately concave and convex, and the quasi plane one thus obtained rolled up on itself according to a diameter.
- 18 (amended) - Optical device according to claim 1 characterized in that the actuating membrane and the membranous mirror are obtained by material deposit on a liquid contained in a container rotating around a vertical axis.
- 19 (amended) - Optical device according to claim 1 characterized in that the membranous mirror and the actuating membrane have central and/or peripheral flanges
- 44 (new) - Optical device according to claim 1 characterized in that the distance between the actuating membrane and the membranous mirror is monitored permanently by capacitive coupling between said actuating membrane and said membranous mirror.
- 45 (new) - Optical device according to claim 18 characterized in that a ring, on which the materials constituting a membrane can be deposited, is fixed in a removable way on the revolving container, and in that the said ring allows the handling of the membrane.

All the other claims are considered as canceled previously.

The future amendments will be made from this claims listing under 37CFR 1.121(c)